MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JUNE 1922

J. A. BROWN, DIRECTOR

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JUNE 1922

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8 : 30	2 : 30	8 : 30	mean	Max.	Min.	Min. on grass		
1	762.7	761.6	760.9	761.7	24.8	18.2			
2	1.2	0.4	0.3	0.3	25.5	20.5			
3	1.0	0.4	0.7	0.7	25.5	20.5			
4	0.2	59.4	59.1	59.6	25.7	17.3			
5	58.5	6.8	6.9	7.4	26 2	19.4	—	—	—
6	5.8	5.6	5.2	5.5	27.0	19.5			
7	5.1	4.6	5.8	5.2	27.7	20.5			
8	7.3	7.1	7.3	7.2	27.2	19.7			
9	7.9	7.2	7.5	7.5	27.1	19.6			
10	7.6	7.0	7.9	7.5	27.2	19.4	—	—	—
11	8.9	8.6	8.9	8.8	26.8	19.4			
12	8.7	8.7	8.4	8.6	27.7	20.7			
13	7.5	7.5	7.8	7.6	28.0	20.5			
14	6.8	6.5	7.0	6.8	28.3	22.1			
15	7.6	7.5	7.9	7.7	27.6	21.6	—	—	—
16	6.9	5.8	5.7	6.1	28.8	22.2			
17	3.3	2.8	3.6	3.2	28.9	22.8			
18	4.3	4.7	5.5	4.8	28.9	22.7			
19	6.5	6.4	6.9	6.6	28.8	21.8			
20	7.9	7.4	7.9	7.8	31.6	21.7	—	—	—
21	7.5	6.5	6.5	6.8	31.2	22.8			
22	7.6	8.3	7.7	7.9	28.3	22.6			
23	8.0	7.5	7.9	7.8	28.2	21.6			
24	7.6	6.2	6.4	6.7	28.3	21.2			
25	5.7	5.3	5.5	5.5	29.4	21.1	—	—	—
26	4.9	4.7	5.3	5.0	29.7	21.3			
27	5.5	5.2	5.2	5.3	29.1	21.1			
28	5.8	5.2	5.3	5.4	29.4	21.5			
29	4.8	5.5	5.6	5.3	29.8	22.2			
30	4.3	4.7	4.7	4.6	29.4	22.2			
31									
	757.2	756.8	757.0	757.0	28.1	20.9	—	—	—

BAROMETER

Maximum 762.7 on 1st

Minimum 752.8 on 17th

THERMOMETER

Maximum 31.6 on 20th

Minimum 17.3 on 4th

Minimum on grass on

RAINFALL

Maximum mm. on

Number of days with rain 0 thunderstorms 0 fog 0 gale 0

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Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	23.2	24.4	21.3	23.0	19.2	19.5	18.5	13.8	13.5	13.9	13.7	65	59	74	66
2	23.2	25.1	21.6	23.3	19.5	19.4	18.8	14.2	13.1	14.2	13.9	67	55	74	65
3	22.7	25.0	20.8	22.8	18.3	19.3	17.6	12.7	13.0	12.8	12.8	62	55	71	63
4	23.0	25.3	20.9	23.1	18.7	19.1	19.0	13.2	12.5	14.9	13.5	63	52	80	65
5	23.8	25.4	22.3	23.8	20.4	21.3	20.3	15.4	15.7	16.1	15.7	70	65	81	72
6	23.9	26.6	21.7	24.1	21.2	22.3	20.4	16.7	16.8	16.9	16.8	75	64	87	75
7	25.0	27.1	23.0	25.0	22.1	22.8	21.0	17.5	17.2	16.9	17.2	74	65	81	73
8	24.4	26.7	23.1	24.7	20.8	21.4	19.9	15.6	15.2	15.0	15.3	69	58	71	66
9	25.5	25.0	22.1	24.5	21.0	21.2	20.2	15.3	15.2	15.8	15.4	62	59	81	67
10	24.4	26.7	21.8	24.3	20.3	21.0	19.9	14.8	14.5	15.8	15.0	65	55	81	67
11	24.2	26.6	23.4	23.7	20.4	20.9	20.2	15.1	14.5	15.2	14.9	67	56	71	65
12	25.0	27.2	23.4	25.2	21.7	21.6	21.5	16.7	15.3	17.6	16.5	71	56	82	70
13	25.5	27.6	23.4	25.5	21.8	23.2	21.1	16.6	17.7	16.7	17.0	68	65	78	70
14	25.6	27.6	22.9	25.4	22.2	23.1	19.8	17.3	17.4	14.9	16.5	71	64	71	69
15	24.9	27.2	23.3	25.1	20.4	21.9	20.6	14.7	15.7	16.0	15.5	62	58	75	65
16	26.4	28.4	24.1	26.3	21.5	23.5	22.1	15.6	17.6	18.2	17.1	60	60	80	67
17	27.1	27.9	23.3	26.1	20.5	23.2	22.1	13.6	17.5	18.7	16.6	51	62	88	67
18	26.7	28.4	23.8	26.3	23.2	23.8	22.2	18.3	18.2	18.4	18.3	70	63	83	72
19	26.4	28.3	23.8	26.2	22.6	23.9	22.2	17.4	18.4	18.6	18.1	68	64	85	72
20	27.2	29.1	24.4	26.9	23.9	24.1	23.1	19.2	18.3	19.9	19.1	72	61	87	73
21	27.9	30.8	25.6	28.3	24.9	24.6	22.1	20.7	18.0	17.1	18.6	74	54	70	66
22	26.4	27.7	23.7	25.9	21.3	22.3	25.1	15.2	16.1	14.0	15.1	59	59	64	61
23	26.6	28.0	22.7	25.8	21.1	21.5	20.8	14.7	14.6	16.8	15.4	57	52	82	64
24	25.7	27.8	22.8	25.4	20.5	22.3	20.7	14.3	16.1	16.5	15.6	58	58	80	65
25	26.4	29.0	24.2	26.6	22.7	23.8	22.3	17.7	17.9	18.4	17.0	69	60	82	70
26	25.9	29.3	24.2	26.5	22.8	24.2	22.8	18.2	18.4	19.4	18.7	72	61	86	73
27	26.8	28.1	24.1	26.3	23.0	23.5	22.3	17.9	17.9	18.4	18.1	68	63	80	70
28	27.2	28.2	24.5	26.6	22.9	23.8	22.3	17.4	18.1	18.2	17.9	65	62	80	69
29	26.8	28.7	24.4	26.6	22.7	23.2	21.5	17.3	16.9	16.9	17.0	66	57	74	66
30	26.8	28.9	24.6	26.4	22.1	23.3	21.5	16.3	16.9	16.7	16.6	61	57	73	64
31															
	25.5	27.4	23.1	25.3	22.1	22.2	21.1	16.1	16.3	16.6	16.3	65	59	78	68

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	0	0	0	Ine	2n	2n	141.8	v. slight	
2	1cu	10cu	0	3.7	In	In	In	302.9	calm	
3	1cu	0	0	0.3	In	Isw	0	297.4	,,	
4	0	0	0	0	Isw	In	0	139.7	,,	
5	1s	0	0	0.3	0	Ine	0	101.6	,,	
6	0	2cu	0	0.7	Isw	Isw	0	90.9	,,	
7	5cu	0	0	1.7	In	Isw	0	100.6	,,	
8	2cu	7cu	9cu	6.0	2sw	2sw	0	154.0	,,	
9	0	3cu	0	1.0	2sw	2sw	0	184.9	,,	
10	0	0	0	0	Isw	Isw	0	144.5	,,	
11	1cu	0	0	0.3	Isw	Isw	0	138.6	,,	
12	0	0	0	0	0	Inw	0	101.6	,,	
13	0	0	0	0	3sw	2sw	0	152.4	,,	
14	0	0	0	0	3sw	3sw	3sw	303.9	v. slight	
15	4s cu	0	0	1.3	2sw	Isw	2sw	247.2	,,	
16	0	0	0	0	3sw	2sw	3sw	499.9	slight	
17	0	0	0	0	Isw	Isw	0	333.2	calm	
18	3cu	0	0	1.0	3sw	2sw	Isw	279.7	v. slight	
19	0	5cu	0	1.7	Isw	Isw	0	186.7	,,	
20	0	0	0	0	0	Isw	0	85.5	calm	
21	3cu	0	0	1.0	Isw	Isw	0	156.0	,,	
22	0	0	1cu	0.3	2sw	Isw	0	220.5	v, slight	
23	2cu	0	0	0.7	Isw	2sw	0	216.9	,,	
24	0	0	0	0	Iw	Iw	0	88.5	,,	
25	0	0	0	0	Isw	2w	0	231.1	,,	
26	0	0	0	0	Isw	Isw	0	115.4	calm	
27	0	0	0	0	Isw	Isw	0	201.3	,,	
28	0	0	0	0	2sw	2sw	Isw	262.5	v. slight	
29	0	4cu	0	1.3	2sw	2sw	0	289.9	,,	
30	0	0	0	0	2sw	2sw	Isw	239.2	,,	
31										
				0.71				200.28		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	3	1	0	0	0	22	1	0	3
2:30	3	1	0	0	0	23	2	1	0
8:30	2	0	0	0	0	7	0	0	21
Totals	8	2	0	0	0	52	3	1	24